

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000029DUJ
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: PARK ASSIST / MONITORING: BLIND SPOT MONITOR SYSTEM: FREEZE FRAME DATA; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

FREEZE FRAME DATA

FREEZE FRAME DATA

(a) Whenever DTCs are detected, the blind spot monitor sensor stores the current vehicle (sensor) state as freeze frame data.

CHECK FREEZE FRAME DATA

(a) Turn the blind spot monitor system on.

(b) According to the display on the GTS, display the freeze frame data for the selected DTC.

Body Electrical > Blind Spot Monitor "A" > Trouble Codes

Body Electrical > Blind Spot Monitor "B" > Trouble Codes

Body Electrical > Blind Spot Monitor "B"

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	REFERENCE VALUE
Total Distance Traveled	Total distance traveled	0 to 16777215	-	-
Total Distance Traveled - Unit	Total Distance Traveled - Unit	km / mile	-	-
Power Supply Voltage	Power supply voltage	0 to 49.95 V	-	-
BSM Outer Mirror Indicator Information (Left)	Status of indicator	Extinction / Lighting / Blinking	-	-
BSM Outer Mirror Indicator Information (Right)	Status of indicator	Extinction / Lighting / Blinking	-	-
LED Outer Mirror Indicator Voltage (Currently Value)	Voltage value of indicator	0 to 25.5 V	-	-
LED Outer Mirror Indicator Current (Currently Value)	Electrical current value of indicator	0 to 255 mA	-	-

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	REFERENCE VALUE
Dimmer Signal	Status of dimmer signal	OFF / ON	-	-
Door Open Buzzer Sound Request	Displays the status of the safe exit assist system function door open buzzer.	OFF / ON (Reject) / ON (Warning)	OFF: The safe exit assist system function buzzer not sounding ON (door open cancel): Not used for the safe exit assist system function ON (warning): The safe exit assist system function buzzer sounding	-
Shift Position R	State of the shift position R signal	OFF / ON	OFF: Shift position other than R ON: Shift position in R	-
Vehicle Speed	Vehicle speed signal	-327.68 to 327.67 km/h	Almost same as actual vehicle speed	-
Steering Angle	Steering angle sensor	-3072 to 3070.5 deg	Left turn: Increases Right turn: Decreases	-
Yaw Rate	Yaw rate sensor	-125 to 124.612 deg/s	Turning right: -124.928 to 0 deg/s Turning left: 0 to 124.684 deg/s	-
Turn Switch	State of the turn signal switch	Left / Right / OFF	Left: Left turn signal switch on Right: Right turn signal switch on OFF: Turn signal switch off	-
Driver User Number	Displays the user number of the driver seat	Indeterminate / User 1 / User 2 / User 3 / Guest	-	-
Driver Classification	Displays the driver classification	Undefined / Normal / Plus Support	-	-

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	REFERENCE VALUE
Plus Support Function	Displays the plus support function	Without / With	With: Equipped with plus support function Without: Not equipped with plus support function	-
Outer Mirror Indicator Brightness	Status of outer mirror indicator brightness setting	Dim / Bright	Dim: Outer mirror indicator is dimmed Bright: Outer mirror indicator is not dimmed	-
L-BSM Mode	Status of L-BSM mode setting	Short / Middle / Long	-	-
BSM Alert Options Setting	Display BSM alert option settings	Indicator Only / Indicator + Buzzer	-	-
Beam Axis Revision Angle	Compensation angle of beam axis	-327.68 to 327.67 deg	-	-

Body Electrical > Blind Spot Monitor "A"

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	REFERENCE VALUE
Total Distance Traveled	Total distance traveled	0 to 16777215	-	-
Total Distance Traveled - Unit	Total Distance Traveled - Unit	km / mile	-	-
Power Supply Voltage	Power supply voltage	0 to 49.95 V	-	-
LED Outer Mirror Indicator Voltage (Currently Value)	Voltage value of indicator	0 to 25.5 V	-	-
LED Outer Mirror Indicator Current (Currently Value)	Electrical current value of indicator	0 to 255 mA	-	-
Dimmer Signal	Status of dimmer signal	OFF / ON	-	-

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	REFERENCE VALUE
Buzzer Sound Request	Alarm status of RCTA buzzer (Meter buzzer)	OFF / ON	-	-
Shift Position R	State of the shift position R signal	OFF / ON	OFF: Shift position in any other than R ON: Shift position in R	-
Vehicle Speed	Vehicle speed signal	-327.68 to 327.67 km/h	Almost same as actual vehicle speed	-
Steering Angle	Steering angle sensor	-3072 to 3070.5 deg	Left turn: Increases Right turn: Decreases	-
Yaw Rate	Yaw rate sensor	-124.928 to 124.684 deg/s	Turning right: -124.928 to 0 deg/s Turning left: 0 to 124.684 deg/s	-
Turn Switch	State of the turn signal switch	Left, Right or OFF	Left: Left turn signal switch on Right: Right turn signal switch on OFF: Turn signal switch off	-
Outer Mirror Indicator Brightness	Status of outer mirror indicator brightness setting	Dim / Bright	Dim: Outer mirror indicator is dimmed Bright: Outer mirror indicator is not dimmed	-
RCTA Buzzer Volume	Status of RCTA buzzer volume	Small / Middle / Large	-	Although the item is displayed on the GTS, it is not applicable to this vehicle.
L-BSM Mode	Status of L-BSM mode setting	Short / Middle / Long	-	-
BSM Alert Options Setting	Display BSM alert option settings	Indicator Only / Indicator + Buzze	-	-

TESTER DISPLAY	MEASUREMENT ITEM	RANGE	NORMAL CONDITION	REFERENCE VALUE
Beam Axis Revision Angle	Compensation angle of beam axis	-327.68 to 327.67 deg	-	-

CLEAR FREEZE FRAME DATA

NOTICE:

Clearing the DTCs will also clear the freeze frame data.

- (a) Turn the blind spot monitor system on.
- (b) Clear the DTCs and freeze frame data.

Body Electrical > Blind Spot Monitor "A" > Clear DTCs

Body Electrical > Blind Spot Monitor "B" > Clear DTCs

